ZYGO®

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2012 Featured Products

Augmentative and Alternative Communication Systems & Assistive Technologies

The Great Taking Box Company

ABILIA

Sensory Software International Ltd

jabbla
WE ALL HAVE A VOICE

Communication Systems

- Dynamic Display
- Digital Recording
- Text-to-Speech
- Communication Software

Assistive Technology Products

- Aids to Daily Living
- Alternative Access
- Environmental Controls
- Accessible Elevators

ZYGO has been involved in manufacturing and distributing assistive technologies since 1974. We specialize in augmentative and alternative communication (AAC), environmental control systems (ECU), and electronic aids to daily living (EADL).

We offer a wide range of technology products to our clients so they can achieve a greater independence and to enhance the quality of their lives. These solutions improve an individual's ability to learn, work, and interact with family and friends.

This represents a few of our products. You can see our entire product line on our web site, www.ZYGO-USA.com.

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Great Talking Box | Jabbla | Sensory Software | Abilia | Facebook | flickr | LinkedIn

Optimist MMX-2C
with The Grid 2 AAC Program

Windows 7 notebook/tablet PC-based communication aid, with The Grid 2 by Sensory Software, one Acapela language, and Widgit Literacy Symbols.

e-Talk GT
Speech Generating Device

Fast and powerful with daylight visible touch screen, Saltillo Chat AAC, Neo Speech, and extremely loud volume.

Zingui by Jabbla
with Mind Express and SymbolStix

Small, elegant, lightweight Windows CE dynamic display AAC SGD for both adults and children.

Talara-32
Digital Recording AAC

Static display, multiple pages, lightweight, very versatile, dedicated communication aid.

EasyTalk
Digital Recording AAC

Static display, multiple pages, rugged, versatile layouts, dedicated communication aid.

Allora
Text-to-speech

Keyboard communication with clear, natural voice, for literate users.

Control Prog
Switch accessible transmitter

Programmable infrared transmitter with pushbutton and switch scanning access like a universal remote control.

Gewatel 200
Hands-free IR Speakerphone

Infrared controlled telephone for wireless access to send and receive phone calls.

ZYGO Voice Amplifier
Loud, clear, sound output

Amplified, 12-watt speaker with high performance headset microphone or high performance lapel microphone.

Contents

Dynamic Display 4

- Optimist MMX-2 4
- Optimist MMX-2C with The Grid 2 5
- e-Talk GT with Saltillo Chat 6
- e-Talk 8400 with e-Talk 1.5 7
- Tellus-4 with Mind Express 8
- Mobi 2 with Mind Express 9
- Zingui with Mind Express 10
- Smart II hand-held with Mind Express 11

Communication Software 12

- The Grid 2 by Sensory Software 12
- Mind Express by Jabbla 14
- Windbag 3 by Sensory Software 15

Digital Recording 16

- DigiCom 2000 16
- Talara-32 17
- EasyTalk 18

Text-to-Speech (keyboard) 19

- Allora 19

Aids to Daily Living and Environmental Control Systems 20

- Control Prog by Abilia AB 20
- GewaTel 200 IR speakerphone 21
- ZYGO Voice Amplifier 22
- Vocally voice activated phone dialer 23
- Accessible Elevator Controls 24
- Pointers (head pointers, safe laser) 26

Support 27

- Order Form and Rental Agreement 27

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Optimist MMX—2 Dynamic Display Device (integrated)

Dialect MMX-2 Speech Generating Device (dedicated)

The **Optimist-MMX-2** has been upgraded to improve this latest augmentative/alternative communication (AAC) aid from ZYGO. As in the past, ZYGO has enhanced a versatile PC to provide the loud, clear output and switch access input required for an AAC device. The physical attributes are obvious from the pictures—it's usable like a laptop from the keyboard and/or as a touch-screen tablet. It's durable, is drop and spill resistant, has a built-in carry handle, and will withstand the demands of everyday use.

The **Optimist-MMX-2** is available preloaded with a choice of AAC packages and a variety of speech synthesizers. Or, the unit is available without software so you can add your favorites.

Dialects, dedicated Speech Generating Device (SGD) versions, are available for Medical Assistance requirements. They are identical in every way to the **Optimist-MMX** except non-communication functions are locked out. You choose the AAC program, but it will only run the AAC software you choose. The Optimist is an **integrated** communication system, while the Dialect meets the restrictive Medicare criteria as a **dedicated** speech generating device. The Medicare HCPCS code is E2510.

The Optimist-MMX and Dialect-MMX come loaded with AAC software of your choosing. Recommend the software program that best meets the needs of your client. Choose from The Grid 2 from Sensory Software, SDP/BM from Mayer-Johnson, Communicator from Tobii ATI, or any of the other Windows based AAC programs.

You can also turn the Optimist into an **environmental control system** by adding an Abilia (GEWA) Progress Star or Progress Micro USB infrared transmitter which can be run directly from The Grid 2 or Tobii Communicator software.

All this and the entire device is less than ***four pounds!***

Features

- 10.1" Hi-Res 1366 x 768 SVGA TFT LCD LED backlight resistive touch screen
- Water resistant keyboard with touch pad
- Four bezel buttons for Tablet use: camera, Home, page up, page down
- 1.3 megapixel swivel camera
- Built-in accelerometer
- On/Off button on bezel
- Touch screen handwriting recognition and on-screen keyboard
- 3-in-1 SMR card reader
- "Bump Sheet" (optional with -0 model)
- Soft carry pouch (optional with -0 model)

Options

- Choice of AAC program, e.g. The Grid 2, Mind Express, Windbag 3
- Environmental control transmitters
- Wheelchair mounting systems

Specifications

- Intel Atom Processor N450 1.66 GHz, 1 GB 800 MHz DDR2, 160 GB HD
- MS-Windows® 7 Home (or choose Windows XP)
- Audio: 2-Speaker stereo backpack; Two Headphone jacks, 3.5 mm
- Built-in Microphone; External microphone jack, 3.5 mm
- 2 USB ports; 2 -switch scan ports, 3.5mm; VGA out
- RJ-45 Ethernet port, Wi-Fi, Bluetooth
- Lithium-ion battery pack, 100-240V, 50/60 Hz AC adapter/charger
- Battery life 6 hours (average); Recharges in 3 hours
- Size: 10.5 x 7.6 x 1.2 in. (26.7 x 19.3 x 3.1cm)
- Weight: 3.7 pounds (1.7 kg)

SKU	Product	Price
039-0620-20	Optimist MMX-2C with The Grid 2, Acapela, Widgit Literacy Symbols	$4,250.00
039-0620-60	Optimist MMX-2W with Windbag 3, Acapela Speech	$3,250.00
039-0620-70	Optimist MMX-2M with Mind Express, RealSpeak voices	$4,250.00
039-0620-00	Optimist MMX-20 (without software or accessories)	$2,700.00
039-0620-10	Optimist MMX-2B with SDP/BM, SAPI, PCS	$4,250.00
039-0620-30	Optimist MMX-2V with Communicator, Acapela, SymbolStix	$4,250.00
016-0032-00	Soft Carry Pouch (already supplied with MMX-2 except -20)	$80.00
333-0084-00	Bump Sheet (finger-screen touch support, std except w/-20)	$25.00
386-0039-11	Quick Release Mounting Plate	$150.00
018-0054-00	Phone Link, 3.5mm plug for use with telephones	$80.00
425315	Progress Star USB IR transmitter	$735.00

Optimist MMX-2C with *The Grid 2* Dynamic Display Device (integrated)

Dialect MMX-2C Speech Generating Device (dedicated)

Sensory Software International Ltd

The **Optimist-MMX-2C** has been upgraded to improve this latest augmentative/alternative communication (AAC) aid from ZYGO. As in the past, ZYGO has enhanced a versatile PC to provide the loud, clear output and switch access input required for an AAC device. The physical attributes are obvious from the pictures—it's usable like a laptop from the keyboard and/or as a touch-screen tablet. It's durable, is drop and spill resistant, has a built-in carry handle, and will withstand the demands of everyday use.

The **Optimist-MMX-2C** is preloaded with The Grid 2 by Sensory Software, Widgit Literacy Symbols, and one Acapela language. It comes with a number of sample vocabulary sets that you can use and update to turn into your own, or you can purchase add-on grid sets which are pre-built vocabulary pages for the Grid 2 program.

Dialects, dedicated Speech Generating Device (SGD) versions, are available for Medical Assistance requirements. They are identical in every way to the **Optimist-MMX** except non-communication functions are locked out. You choose The Grid 2 as your AAC program, but all other computing functions are disabled. The Optimist is an **integrated** communication system, while the Dialect meets the restrictive Medicare criteria as a **dedicated** speech generating device.

You can also turn the Optimist into an **environmental control system** by adding an Abilia (GEWA) Progress Star or Progress Micro USB infrared transmitter which can be run directly from The Grid 2 software running on the Optimist MMX-2C.

All this and the entire device is less than ***four pounds!***

Features

- 10.1" Hi-Res 1366 x 768 SVGA TFT LCD LED backlight resistive touch screen
- Water resistant keyboard with touch pad
- Four bezel buttons for Tablet use: camera, Home, page up, page down
- 1.3 megapixel swivel camera
- Built-in accelerometer
- On/Off button on bezel
- Touch screen handwriting recognition and on-screen keyboard
- 3-in-1 SMR card reader
- "Bump Sheet" for better performance on the touch screen
- Soft carry pouch

Options

- Environmental control transmitters
- Wheelchair mounting systems

Specifications

- Intel Atom Processor N450 1.66 GHz, 1 GB 800 MHz DDR2, 160 GB HD
- MS-Windows® 7 Home (or choose Windows XP)
- Audio: 2-Speaker stereo backpack; Two Headphone jacks, 3.5 mm
- Built-in Microphone; External microphone jack, 3.5 mm
- 2 USB ports; 2 -switch scan ports, 3.5mm; VGA out
- RJ-45 Ethernet port, Wi-Fi, Bluetooth
- Lithium-ion battery pack, 100-240V, 50/60 Hz AC adapter/charger
- Battery life 6 hours (average); Recharges in 3 hours
- Size: 10.5 x 7.6 x 1.2 in. (26.7 x 19.3 x 3.1cm)
- Weight: 3.7 pounds (1.7 kg)

SKU	Product	Price
039-0620-20	Optimist MMX-2C with The Grid 2, Acapela, Widgit Literacy Symbols	$4,250.00
039-0620-60	Optimist MMX-2W with Windbag 3, Acapela Speech	$3,250.00
039-0620-00	Optimist MMX-20 (without software or accessories)	$2,700.00
016-0032-00	Soft Carry Pouch (already supplied with MMX-2C)	$80.00
333-0084-00	Bump Sheet (finger-screen touch support, already supplied with MMX-2C)	$25.00
386-0039-11	Quick Release Mounting Plate	$150.00
343-0048-00	Quick Release Mechanism	$215.00
018-0054-00	Phone Link, 3.5mm plug for use with telephones	$80.00
425315	Progress Star USB IR transmitter	$735.00

e-Talk GT

We are confident that you will find the **eTalk-GT** to be the best choice for enabling audible, personal communication for individuals unable to use their natural voice. The **eTalk-GT** is designed for use by any non-vocal individual who can access the device using the touch screen, any USB input device, or one- or two-switch scanning to use individual or combined symbols, text, sounds and/or pictures to create words, phrases, and sentences. The **GT** is a dedicated speech generating device that is smaller than a standard PC tablet, yet larger than a handheld, with a brighter, easier-to-see screen and louder, built-in audio volume than either. Since it is not based on a PC-type platform, there are no worries that a program might be added that destroys the communication capability or introduces a virus.

Features

- Bright 8.4" outdoor readable screen
- Loud clear sound; Neo Speech or Acapela voices standard
- Outstanding record and playback of messages
- Long battery life
- User friendly Chat software can be Symbol- or Text-based, or a combination of the two
- Edit pages directly on the device, or on a PC and download pages to the device later
- Go from simple one picture/one message output to stringing symbols together to create phrases and sentences
- Start with symbols or pictures, then move to a complete text-to-speech system
- For Symbol-based users, comes complete with SymbolStix symbols, or import pictures from PC
- For Text-based users, type with highly customizable on-screen keyboard or use any USB keyboard
- Word prediction with frequency of use and/or recently used prediction lists
- Next letter prediction
- Input via touch screen, single- or double-switch scanning, head pointer, or USB keyboard
- Auditory scanning

The **eTalk-GT** uses a specially modified version of **Saltillo Chat** software that offers sophisticated features yet with simple editing. You can easily create new pages, alter the number of buttons on a page, find symbols, change colors and spacing, plus much more. Some special features can only be done using the software on a PC. It is also easy for the clinician to create page sets entirely on the PC and download vocabulary to the client's **e-Talk GT**. Every **eTalk-GT** is supplied with **SymbolStix** by News-2-You, yet Widgit and Mayer-Johnson symbols can be supplied as an option at additional cost.

Specifications

- Microprocessor: PXA270 CPU at 620MHz
- Display: 8.4" (21.34cm) diagonal Poly-silicon (TP) touch screen, 800x600 pixels VGA
- Anti-glare visibility even in bright sunlight—backlight for use in dark environments
- Instant-on "Touch 'n Talk"—initial boot-up or reboot in less than 40 seconds
- Shutdown: <1 minute; Programmable Power-down mode
- Built-in microphone and speakers
- Ports: USB, Ethernet, VGA Monitor, Switch 1, Switch 2, and External Speaker jack
- SD card slot—Flash memory card
- 1 Gigabyte Internal compact Program Storage
- **5W** audio out
- Microphone and charger ports
- Software: Saltillo Chat and either Neo Speech or Acapela synthesizer
- Battery Life: 4-days average for normal operation
- Battery charge time: 80% in 20 minutes; 100% in 1.5 hours
- Weight: 3.7 lbs (1.68 kg) with batteries
- Size: 9.3" x 7.7" x 1.8" (23.6cm x 19.56cm x 4.57cm)
- Colors: Smoke, Green, Blue, Pink (choice of transparent or solid housing)

SKU	Product	Price
039-0640-10	e-Talk GTN with Saltillo Chat AAC, Neo speech	$5,295.00
039-0640-00	e-Talk GTA with Saltillo Chat AAC, Acapela speech	$5,295.00

e-Talk 8400

The **e-talk 8400** is our entry level dynamic display augmentative and alternative communication aid. The **eTalk-8400** is designed for use by any non-vocal individual who can access the device using the touch screen, any USB input device, or one- and two-switch scanning to select cells illustrated by individual or combined symbols, pictures, or text, or by spoken sounds, to spell words, choose phrases, and write sentences in order to produce voice output. ZYGO e-Talk products feature a loud, internal speaker, amplifying sound so users will be able to be heard in a variety of noisy settings.

The **8400** is a dedicated speech generating device that is smaller than a standard PC tablet, yet larger than a handheld device. It has an extremely bright, easy-to-see, 8.4" Poly-silicon (LTPS) touch screen viewable in any lighting condition.

Features

- Bright 8.4" outdoor readable screen
- E-Talk 1.5 software can be Symbol- or Text-based, or a combination of both
- For Symbol-based users, comes complete with PCS symbols
- Start speaking from symbols or pictures then type using a text-to-speech system
- Word prediction with frequency of use and/or recently used prediction lists
- Next letter prediction
- For Text-based users, type with highly customizable on-screen keyboard or use any USB keyboard
- Input via touch screen, single- or double-switch scanning, head pointer, or USB keyboard
- Loud clear sound; DECtalk synthesizer standard
- Go from simple one picture/one message output to stringing symbols together to create phrases
- Auditory scanning
- Long battery life

The **eTalk-8400** utilizes our lightning-fast e-Talk 1.5 software with DECtalk speech. You can easily create new pages, alter the number of buttons on a page, find symbols, change colors and spacing, plus much more. It is also easy for the clinician to create page sets entirely on the PC and download vocabulary to the client's e-talk 8400.

Specifications:

- Operating System: Windows CE Embedded (dedicated)
- Display: 8.4" Poly-silicon (LTPS) touch screen, 800x600
- Dimensions: 9.3" x 7.7" x 1.8"
- Weight: 3.6 lbs
- Battery: Rechargeable 3700mAh Lithium Ion (8 hour use)
- Speaker: Extremely loud and amplified speaker built for noisy environments.
- Sound Input: Built-in microphone
- Sound Output Port: Used for external speaker and used for auditory cues
- Two-Switch Input Ports: Enables up to 2 switches or a joystick for scanning methods
- Serial (RS232) Port: Used for connection to PC for modification and upgrades
- PCMCIA Port: Available for network cards, Flash Cards

SKU	Product	Price
039-0640-30	e-Talk 8400 with e-Talk 1.5 AAC, DECtalk speech	$4,995.00

Tellus 4 by Jabbla

Sleek design meets high performance

Tellus 4 offers a sleek design and a fast Intel processor, lots of memory and a large hard disk. Tellus 4 with Windows 7 Pro and Mind Express opens the door to other software applications. One more step towards independency. The 13.3" capacitive touch screen displays a crisp and clear image suitable for indoor and outdoor use. The Tellus 4 has two built-in batteries. You can replace the one hot swappable battery without shutting down the device to lengthen the portability time.

Always connected

Tellus 4 supports the latest wireless technology: integrated WLAN (Wi-Fi), Bluetooth and 3G/UMTS (GSM SIM data) mobile network technology. Access e-mail, send and receive text messages, and connect to the internet through wireless networks.

Specifications

Processor	Intel® CoreTM i5 processor, 2.4 GHz
Operating System	Windows 7 Pro 64 bit
Memory	500 GB HD and 4 GB RAM
Display	13.3“ WXGA LED wide view capacitive touch screen (1280 x 800)
Weight:	6.8 lbs (3.1 kg)
Size:	13.2 x 10.2 x 1.5-2.4 in (33.5 x 26 x 6 cm)
Battery Life	7 - 10 hours (based on the intensity of use and settings of the device)

Features:

Software	Mind Express 4
Graphics:	SymbolStix by News-2-You included
Speech output	RealSpeak (Nuance) or BrightSpeech (Acapela)
I/O	1-USB 2.0, 2-USB 1.1, FireWire, WebCam, SD card, 2 switch ports
Access:	Finger touch, 1- or 2-switch scanning, USB input
Audio	Integrated stereo speakers, microphone, high quality recording and playback
Colors	Casing: white, black or combine, Stand: white, black, blue, or green
Power	Extra battery, hot swappable without turning off device
ECU	Tellus 4 is equipped with an integrated GEWA infrared transmitter

Keyguards — Standard and custom keyguards are available.

SKU	Product	Price
039-1200-10	Tellus 4 communication aid	$7,995.00
019-1285-10	Extra Key Mind Express	$215.00
019-1285-40	Extra Realspeak Language	$150.00
039-1205-10	External Battery Charger	$325.00
333-2200-10	Keyguard, 7 row x 8 column	$175.00
333-2200-20	Keyguard, 6 row x 9 column	$175.00
333-2200-30	Keyguard, 9 row x 12 column	$175.00
386-2200-10	Tm4 Mounting Module	$330.00

Mobi 2 by Jabbla

The **Mobi** is an ideal solution for users who are mobile and want a smaller device.

The **Mobi** is a portable and powerful tablet computer or a fully featured speech generating device with an 8 inch, clear and bright, touch screen display. The operating system is Windows XP home and it has an 8GB hard drive with 1GB RAM. It has high quality sound output, built-in switch jacks, a desk stand, and a Daessy-compatible mounting plate integrated into the casing. It is supplied with a tailor-made carry case with shoulder strap and handle, so that it can be used on the go.

The Mobi can be supplied with **Mind Express** software for communication, or **The Grid 2**, or you can install your own software, allowing the user to have both text-based and symbol-based input. A user can communicate face to face, over the internet, or by using the phone. It can be supplied as an integrated tablet PC or a dedicated speech generating device, launching only the communication program you have chosen.

The **Mobi** features an 8.4" SVGA touch screen and is available in different colors. Two built-in speakers provide loud volume. Switches can be connected directly on the back of the device.

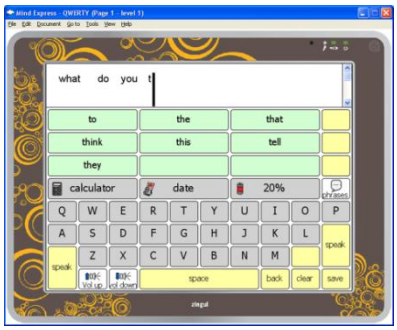
The **Mobi** can optionally be equipped with a GSM mobile phone. This makes phone calls or sending text messages possible directly from your communication device. The GEWA infrared module for environmental control comes standard. Turn on your television, change channels on your cable box, or control your DVD player from your **Mobi**.

Specifications

Processor	500MHz Geode LX800, 8GB hard drive, 1GB RAM
Operating System	Microsoft Windows XP Home Tablet
Speech	Realspeak (Nuance) or Acapela
Graphics	SymbolStix by News-2-You
Display	8.4" SVGA transmissive TFT touch screen, 800 x 600
I/O	One USB 2.0 port, two switch jacks
Audio	Built-in high quality stereo speakers and microphone
Weight	3.8 lbs. (1.75 kg)
Size	12.9 x 9.6 x 1.6 in (327 x 245 x 40 mm)
ECU	Integrated GEWA IR module (ECU transmitter)
Connectivity	Integrated WLAN (Wi-Fi) for wireless internet connection, printing, and e-mail

SKU	Product	Price
039-1600-10	Mobi 2 with high capacity battery (HCB)	$7,795.00
019-1285-10	Extra Key Mind Express	$215.00
019-1285-40	Extra Realspeak Language	$150.00
333-2600-10	WLAN Module for Mobi 2 (comes standard)	$125.00
333-2600-20	GSM Module for Mobi 2	$625.00
333-2600-30	Bluetooth Module for Mobi 2	$50.00
386-2600-10	Mounting plate for TM4 & USB cable	$225.00

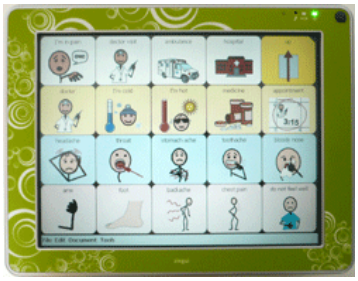
Zingui by Jabbla



The **Zingui** is the small sized, lightweight speech generating device from Jabbla of Belgium. The elegant yet ergonomic European styling and versatility of this device will suit both children and adults.

Customize vocabularies with the easy to use **Mind Express** software to meet your communication needs. Start by using symbols or photos for cause and effect, display simple choice, or to represent whole stored messages. Use the symbols or text to build phrases and sentences. Progress to using text-to-speech with word prediction and verb morphology to produce voice output. Set up phrase banks and link pages together to accelerate sentence building. Sample pages are supplied so you can start immediately. Access using the touch screen for direct selection, use one- or two-switch scanning, or connect a USB input device.

Zingui comes in two versions: the **Zingui Basic** with digitized (recorded) speech and the **Zingui Plus** with both digitized and synthesized speech using Realspeak (Nuance) or BrightSpeech (Acapela). Speech output is loud, clear, and natural whether you use Realspeak, or record digitized messages in any language. The **Zingui Plus** adds a built-in grammar module and word prediction to augment its text-to-speech capabilities.



Install the optional environmental control module (GEWA) and the user can communicate and operate TV, DVD, cable box, and other household electronics. With an 8.4" touch screen it's a very portable 2lbs 6 oz (1.08 kg).

Zingui is available in a variety of unique colors and styles. The Mind Express software includes **SymbolStix** from News-2-You, but can be used with other symbol sets as well as digital photographs, whatever you prefer. Choose American English or American Spanish with Spanish menus and Spanish speech.

Specifications

Processor	Marvell Xscale PXA, 128 MB RAM, 1 GB flash drive
Operating System	Windows CE
Weight:	2 lbs 6 oz (1.08 kg)
Size:	8.5 x 6.5 x 1.5-1.6 inches (215 x 165 x 38-41 mm)
Power:	Double capacity 5.2 Ah Li-Ion rechargeable battery
Screen:	8.4" VGA color TFT, LED backlight, resistive touch screen
Audio:	Dual (stereo) speakers, high quality recording microphone

SKU	Product	Price
039-1800-10	Zingui Basic with double capacity battery	$4,095.00
039-1800-50	Zingui Plus with RealSpeak-US, double capacity battery	$5,095.00
039-1800-70	Zingui Plus with Acapela-US, double capacity battery	$5,095.00
039-1800-99	Speech Generating Device package (add to base models)	$700.00
039-1800-57	Upgrade from Basic to Zingui Plus	$1,200.00
016-2400-30	GEWA IR Module (standard on all new Zingui devices)	$300.00
016-2400-10	Carry Case for Zingui	$100.00
386-2400-10	Mini DaeSSy mounting plate	$45.00
333-2400-10	Keyguard, 6 row x 8 column	$175.00
333-2400-20	Keyguard, 5 row x 7 column	$175.00
333-2400-30	Keyguard, 5 row x 4 column	$175.00
015-2400-10	Zingui/Smart switch adapter cable	$20.00

Smart 2 by Jabbla

The **Smart 2** is a thin, portable, hand-held speech generating device with a bright, easy to see touch screen and high quality natural voice output.

Mind Express on the **Smart 2** offers a powerful user friendly programming interface. A number of sample pages are provided, but page sets are easily customized on the unit itself or on your PC. **Mind Express** is a customizable dynamic display software allowing one to make pages to suit the individual user. Pages may be designed with **SymbolStix** symbols from News-2-You, or from the PCS library. The software is easy to work in and has unique features such as the automatic conjugation of verbs. Both text based and symbol based input is possible, and both recorded messages and text-to-speech output can be accomplished.

Its crisp and clear 4" high resolution screen provides bright viewing from any angle. Direct access is available using a finger or stylus. Touch screen settings can be varied using acceptance and delay times. Scanning with one or two switches is available on the Smart II. A switch connector is available as an extra accessory for 2 switch scanning.

The light weight and slim design of the **Smart** makes it suitable for active, ambulatory individuals. An elastic strap is located behind the unit's casing so that a hand can be slipped through for support. A custom made carrying case is also supplied. The **Smart** is available in different colors.

Choose between American English or American Spanish languages – or both! Mind Express CE includes menus and voice output in each language.

Specifications

Software	Windows Mobile + Mind Express WinCE
Display	Brilliant 4" VGA transflective touch screen, LED backlight (480x640)
Speech	Realspeak (Nuance) or BrightSpeech (Acapela)
I/O	Two USB ports (One is master, one is slave) and switch input
Audio	Built-in amplified stereo speakers with high quality voice output
Weight	0.75 lbs. (340 gr)
Size:	5.75 x 3.2 x 1.1 in. (146 x 82 x 27 mm)
Colors	Top: black, white – Base: black, blue, green

SKU	Product	Price
039-1900-10	Smart 2 Hand-held AAC, Mind Express, Realspeak	$3,995.00
039-1900-30	Smart 2-SGD dedicated AAC, Mind Express, Realspeak	$3,995.00
015-2400-10	Zingui/Smart switch adapter cable	$20.00
019-1285-40	Extra Realspeak Language	$150.00

The Grid 2 by Sensory Software

Sensory Software International Ltd

Communication and Computer Access for Windows

A combination of **Communication Aid** using symbols or text, an **On-Screen Keyboard** for controlling other Windows software, and a **Teaching Aid** to provide point and click access to literacy learning grids.

Symbol Communication Text Communication Computer Control

The Grid software combines symbol communication, text communication, and on-screen keyboards in a single program. Highly configurable access options for switch users and a range of communication vocabularies completes the package.The Grid 2 builds on those features, seamlessly integrating new activities (such as playing music and sending e-mails) and you can get started straight away with the new, user-friendly interface.

In addition to communication, The Grid 2 also has built-in computing functionality accessible without leaving the confines of The Grid program. The Grid 2 uses a Workspace to display a sentence bar for speaking, or the Workspace can display any of these computing functions. Grid 2 users now have the option of using the 'computer' functions of their communication aid without the complexity of Windows applications.

Computer Functions

- Web Browser
- E-mail
- SMS Messaging
- Word Processor
- Media Player
- Calculator
- Clock

What's New

Extra functions
As well as symbol and text communication and a powerful on-screen keyboard for computer control, The Grid 2 adds some exciting new functionality.

More resources
Acapela speech synthesis voices come standard and additional quality Acapela languages are optional (available in many languages), so speech output has never sounded better. Also included is the Widget Literacy Symbols library.
Sensory Software's new interactive web site allows you to download grids created by other Grid 2 users: grids.sensorysoftware.com

Remote Communication
These days, communication means more than speaking directly to people face to face. The Grid 2 allows you to send email and SMS text messages, Skype, or browse the web right from your AAC program.

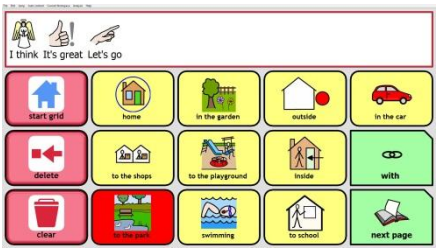
User Management with Grid Explorer
The Grid 2 includes Grid Explorer, which enables you to view and manage each user's grids:

- Copy grids just by dragging with the mouse.
- View the hierachy of a user's grids as a chart.
- Backup users to a CD for safe keeping.

Easy Editing
The way you create, edit and adapt grids is easy in The Grid 2:

- Grids can be created rapidly using an intuitive editor screen.
- Each grid may contain between 1 and 2500 cells.
- Stretch and move cells to make interesting grid layouts.
- New cell shapes and grid backgrounds make grids look fun!

Symbol Communication

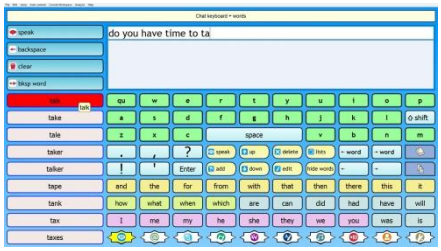


The Grid 2 is a powerful symbol communicator, used by people of all ages and abilities who are unable to speak, or whose speech is unclear.

At a basic level, users can select a message to be spoken instantly. You can also select a sequence of symbols to create a sentence. More advanced users can combine symbols with alphabet grids, and use tools such as prediction with symbols. Symbol sentences can be saved, printed, sent as email or sms messages, or simply spoken aloud.

You can quickly and simply add new vocabulary and pages. Use the Widget Literacy Symbols (included), SymbolStix by News-2-You, Mayer-Johnson PCS, or any other symbol collection. You can also use photos and other images.

Text Communication



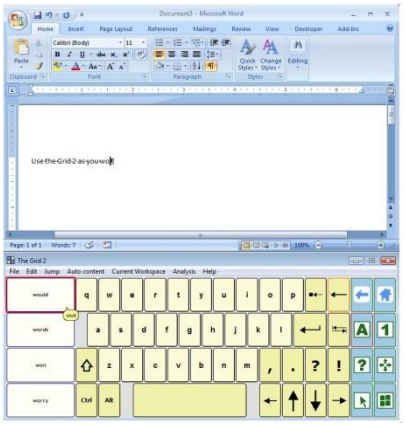
The Grid 2 provides many ways to speed up text input for people unable to use a physical keyboard. Prediction and other tools are available for users who need support with language or spelling:

- Intelligent prediction learns as you write.
- You can use "sounds like" or "spelled like" word matching.
- Create abbreviations for typing useful phrases in just a few selections.

Text communication grids are included with The Grid 2, and can be adapted to suit individual needs.

Text Chat + Messages gives users the option to save sentences. Quick searching allows you to find and edit saved messages. Power users can maintain multiple message lists for different topics. Verb Morphology allows you to change a verb to a different tense just by selecting a cell.

Computer Control



Our computer control grids are designed to make all the features of Windows immediately accessible to people who do not use a standard keyboard and mouse - even to people using a single switch.

In addition to replacing the keyboard and mouse with an on-screen display, The Grid 2 allows you to open and manage programs, move and resize windows, browse web sites and much more.

The Grid 2's computer control grids are set up for common applications like Word, Internet Explorer, and Outlook. Grids for controlling other software can be created and shared online. Accessing other programs is very fast with The Grid 2. This high speed is due to the efficient way you control your computer. Each cell on the screen can be programmed to perform any number of functions activated simply by selecting one cell.

Demo CDs

Demonstration CDs for Sensory Software programs and Acapela speech synthesis are available on request. All Sensory programs are fully functioning for a period of 30 days, after which they must be licensed to continue.

SKU	Product	Price
019-0575-04	The Grid 2, one Acapela language, and Widgit Literacy Symbols	$735.00
019-0575-AX	Additional Acapela language for use with The Grid 2	$180.00

Mind Express by Jabbla

Mind Express™ is an easy to use computer program that has everything a speech therapist or teacher needs to create new communication grids and exercises. A huge variety of symbols, pictures, speech, music and sounds can be used to make interesting and stimulating methods of communication.

Mind Express allows people to form words and sentences by selecting pictures and symbols, which can be spoken out loud using a clear, high quality **RealSpeak** (Nuance) speech engine. **Mind Express** also has a built in grammar module, which provides automatic conjugations of verbs.

An extensive range of symbols and icons are available for use in **Mind Express**. They can be used to create communication grids and games and can also be extended with your own drawings, photos or new symbols. It is very easy to adapt and update, so that communication grids can be kept up to date and reflect the progression of each individual. The **SymbolStix** symbol set from News-2-You is included.

Mind Express can be accessed via touch screen, mouse, trackball, joystick, head mouse, eye tracking system, and 1-or 2-switch scanning. The appropriate access method enables the user to work independently, often increasing self-esteem and providing stimulation for creativity and development.

There is also a built-in word processor that allows letters or articles to be saved, printed or read aloud. The sentence window acts like a built-in graphical word processor allowing the user to create a document using symbols or text or both. Literate individuals can write using the alphabet or whole words to form sentences. For fast communication, one can put a whole sentence into a selection button. A cell can be set to display one of the word predictions. **Mind Express** can predict a word from the selection of individual characters or symbols on any page and will also predict the next word in the message that is being created. By selecting a predicted word in the list you immediately initiate the prediction of the following word.

With the e-mail module, **Mind Express** has fully integrated e-mail functionality. Any message or document that is created in **Mind Express** can be sent to any e-mail address, as text or text and symbols. Received messages can be opened and displayed or read aloud.

With Bluetooth cell phones and the SMS module, symbol based communicators can now send and receive text messages with their friends and families. Messages can be constructed and sent using symbol pages and received text messages can be read out via the speakers in the **Tellus 4** or on a computer. Users can also make and receive calls.

In conjunction with a webcam and the Camera module, **Mind Express** allows users to take photographs and form their own personal photo library. The pictures can be selected by the user to add them to messages in their sentence window.

Requirements: Pentium, 300 MHz, Windows 98 or higher, 64MB RAM, and sound card.

SKU	Product	Price
019-1275-00	Mind Express for Windows with RealSpeak and SymbolStix	$620.00
019-1285-10	Extra Key Mind Express	$215.00
019-1285-40	Extra Realspeak Language	$150.00
019-1285-20	PCS Symbol Set	$150.00
019-1285-30	WLS Symbol Set	$140.00

Sensory Software International Ltd

Windbag 3 by Sensory Software

Windbag is a text based communication aid program for people with literacy skills.

The **Windbag 3** screen is divided into two parts — at the top is the Chat Window (with optional prediction to the right) and at the bottom is the message window (with optional topics to the left).

The Chat Window

The chat box allows you to speak as you type for free conversation. It contains a number of tools to speed up the rate of speech.

- Type and speak your messages.
- Use abbreviations for common words & phrases.
- Predictive typing to speed up input.
- Speak pre-stored texts by line, sentence or paragraph — or speak selected text.
- Load and save the contents of many chat boxes for future use — ideal for presentations.
- Speak from the clipboard (for reading from other programs).

The Message Window

The message window displays your phrase bank, which provides an easy method to speak out commonly used messages very quickly.

- Type in messages with abbreviation expansion and word prediction.
- Instant responses with a single key.
- 26 instant messages with two keys.
- Messages may be in synthetic or digitized speech.
- Messages are automatically searched as you type in the chat box
- Intuitive phrase bank with messages arranged by topic.
- Store any number of phrases.
- Have common messages recorded by a friend.
- Leave gaps in messages to fill in as you speak.

Access

For users who cannot use the keyboard, Windbag is compatible with all alternative access methods. In particular, our on-screen keyboard, The Grid 2, provides a very efficient control of Windbag for switch users.

Speech

Windbag is provided with high quality **Acapela** speech, available in many languages.

SKU	Product	Price
039-0292-03	Windbag 3, Acapela speech (Windows XP, Vista, Windows 7)	$245.00

DigiCom 2000

The **DigiCom** is the classic solution for someone with a lot to say! This digital recording device features up to 142 minutes of recording time with a two-row (16 characters/row) LCD display and a variable 4x8 message selection matrix. **DigiCom**'s input flexibility let's you directly select by touching the keyboard, scanning with one or two switches, or using a 4-direction joystick. Two auditory output ports allow the device to speak through an external speaker or be used with headphones, letting the user hear accompanying auditory cues. If a static display AAC device is what you need, be heard with this powerful voice output device.

Features

- Digitized recording up to 142 minutes
- Variable page layouts: 1x2, 1x3, 2x4, 2x6, 4x8, and 4x12 keys
- Multiple pages of vocabulary
- Outstanding record and playback of messages
- Record words, phrases, or sentences on any message key
- Acceleration techniques including sequencing, sequence prediction, and links
- Use symbols, pictures, and text to represent vocabulary on static overlays
- Attach 3-dimensional objects to overlays for more concrete representations
- Adjustable sensitivity of touch panel to accommodate motor needs
- Built-in two-line LCD provides step-by-step guidance during setups
- One- or two-switch scanning, joystick scanning, or push-button selection
- Several scanning methods: step, inverse, linear, row/column, column/row, group, with auditory and visual
- Accessible controls to activate on touch or release, control hold time, set release time, hear key beep, see key highlight, and hear auditory cue

The **DigiCom 2000** comes with your choice of four different amounts of recording time. The page layouts are variable so you can start with cause and effect, offer simple choice, and work your way up to an advanced vocabulary, all with one device as you progress. It is easy to record messages and switch between pages. Whole messages can be stored under a single key, or sequences of keys can be used to build an entire phrase. The static overlays provide a more concrete representation to beginning communicators, allowing you to develop successful interactions that lead to literacy. Start with symbols or pictures, include a text prompt on each key, and end up using only letters and words to select your messages.

Use a friend to record the messages for child or an adult, for a woman or a man. You can record in any language or several different languages depending on your listening audience. The natural sound of recorded human speech can be understood easier than many of the synthesized voices, and you may find the user practicing vocalizations, repeating what is heard from the DigiCom.

Compared to an expensive dynamic display device, the **DigiCom** is rugged and durable, not fragile. The battery lasts a long time, but is ready to speak instantly. You can easily go all day or longer on a single charge, and it only takes four hours to recharge the battery. While dynamic display devices have lengthy boot up times, it doesn't take any time at all to speak your mind with the **DigiCom 2000**.

Specifications

- Display: Liquid crystal super twist with 2 rows, 16 characters per row
- Device Dimensions: 10.75" x 7.74" x 1.5"
- Weight: 2.75 lbs
- Battery: Nickel Metal Hydride, 7.25 V - 10 hours of operation
- Two sound output ports: used for external speaker or headphones accompanying auditory cues
- Two-Switch Input Ports: for standard external switches
- Joystick Port: 9-pin Sub D connector for 4-direction and push-button access
- Disk Drive Port: for saving messages externally

SKU	Product	Price
039-0520-40	DigiCom 2000, DC-142 (with 142 minutes of recording time)	$1,799.00
039-0520-30	DigiCom 2000, DC-106 (with 106 minutes of recording time)	$1,699.00
039-0520-20	DigiCom 2000, DC-70 (with 70 minutes of recording time)	$1,599.00
039-0520-10	DigiCom 2000, DC-34 (with 34 minutes of recording time)	$1,499.00

Talara-32 Digital Recording Device

The **Talara-32** is a simple communication aid that records human voice and other sounds for playback. Simply record messages and play them back. Need to re-record?—just do it—the **Talara-32** adjusts its memory automatically. It is an electronic communication device with *four levels*, direct and switch scanning access and flexible size key patterns making it **easily customizable** for both children and adults with wide ranging abilities and needs. It is simple and easy to use, making it a straightforward device when you don't need to pay for features you won't be using.

The **Talara-32** has two modes:

PLAY — this mode is for the user. The messages are selected and spoken when the user selects a key either by pressing it directly, or by using a switch with scanning. The messages are usually represented with a paper overlay, which may display pictures, photos, graphics or words.

RECORD — this mode is for the support people who will be setting up the device for the user. The support person can set the size of the keys and record the messages, or have a friend make the recordings so you sound like you are of similar age or gender. Some characteristics are changed using controls on the side of the unit (i.e., scan speed and scanning mode).

Features of the **Talara-32**:

- It's simple, versatile, and light weight.
- The hinged, magnetic overlay retainer makes overlay exchange easy.
- Enlarged key patterns: the number and size of keys – page layout – can be readily changed.
- Adjust settings to suit people with varying visual, physical and cognitive abilities.
- Change key patterns to meet the development and needs of the user.
- All levels must have the same key-pattern.
- There are 45 minutes of available recording time.
- There is no restriction on the amount of recording time per key.

Specifications

Keys	4 x 8 pattern, 2.9 cm (1-1/8 in) square, 3.2 cm (1-1/4 in) between centers
Keyboard size	11.5 x 7.75 inches (29.2 cm W x 19.7 cm H)
Weight	1.75 lbs (0.8 kg)
Levels	4 levels, all are user selectable
Maximum number of messages	127 (4 levels of 32, less one)
Keyboard Force Required	4 oz (114 gr)
Keyguards	Optional, magnetic, hinged for easy overlay insertion, in each of the standard key patterns
Enlarged-key patterns	1 x 2, 1 x 4, 2 x 2, 2 x 4, 4 x 4, and 4 x 8
Overlay protection	A transparent hinged keyboard cover to protect overlays
User accessible functions	Volume control and level changes
Ergonomic Wedge Shape	Wedge shape: front height 1/2 inch (1.3 cm), back height 2.5 inches (6.4 cm)
Microphone	Internal, built-in, directly on the keyboard
Speaker	3 inch (7.6 cm) internal permanent magnet speaker
Scanning	Visual modes for single switch access: step, inverse, automatic linear, row-column
Mounting	Threaded holes on bottom
Battery Pack	Removable battery pack
Power	4 x AA alkaline cells

SKU	Product	Price
039-0581-00	Talara-32 digital recording communication aid (45 minutes recording time)	$895.00
016-0025-00	Carry bag for Talara-32, with overlay storage pocket	$160.00
386-0039-01	Quick Release Mounting Plate for Talara-32	$150.00
019-0064-01	NiMH Battery Charger and 8 NiMH AA cells	$105.00

EasyTalk

Our **EasyTalk** solution was designed to be remarkably easy to use with an extremely rugged case that can withstand enormous amounts of force—accidental drops don't affect the functioning of the device. The long lasting battery life (up to 12 hours) ensures this AAC device is available all day long.

Features

- Digitized recording up to 32 minutes
- Variable page layouts: 1x1, 1x2, 2x2, 2x5, 4x5, and 4x10 keys
- Multiple pages of vocabulary
- Record and playback messages of any length on any key, up to amount of memory
- Record words, phrases, or sentences on any message key
- Use symbols, pictures, and text to represent vocabulary on static overlays
- Attach 3-dimensional objects to overlays for more concrete representations
- Adjustable sensitivity of touch panel to accommodate motor needs
- Built-in call alarm for emergencies
- Four scanning methods: linear, row/column, vertical, and horizontal
- Direct touch, one- or two-switch scanning, and joystick scanning

The **EasyTalk** comes with your choice of four different amounts of recording time. The page layouts are variable so you can start with one cell to introduce cause and effect, offer a simple choice with only two keys, and work your way up to 20 keys on a page, all with one device. It is easy to record messages and switch between pages. Whole messages can be stored under a single key, or build a sentence to speak. The static overlays provide a more concrete representation to beginning communicators, allowing you to develop successful interactions that lead to literacy. Start with symbols or pictures, include a text prompt on each key, and end up using only letters and words to select your messages.

More capable than low tech systems, the **EasyTalk** provides voice output while still being easy to use. Record the vocabulary as you need it, or plan ahead and record the messages you are going to need. You can record in any language or in more than one. The natural sound of recorded human speech can be understood easier than many of the synthesized voices, and you may find the user practicing vocalizations, repeating what is heard from the **EasyTalk**.

Compared to an expensive dynamic display device, the **EasyTalk** is tough and durable, able to withstand strong presses or even an occasional drop. The battery lasts 12 hours on a charge, which is much more than you are likely to need during any given day. The carry case makes it convenient to bring it everywhere you go.

Specifications

- Device Dimensions: 12" x 4" x 1.25"
- Weight: 2.1 lbs
- Battery: Nickel Cadmium Hydride, 7.2 V, 12 hours operation
- Sound Input Port: For external microphone
- Sound Output Port: Used for external speaker
- Two-Switch Input Ports: Used for standard external switches

SKU	Product	Price
039-0540-10	EasyTalk ET-8 (with 8 minutes of recording time)	$999.00
039-0540-20	EasyTalk ET-16 (with 16 minutes of recording time)	$1,099.00
039-0540-30	EasyTalk ET-24 (with 24 minutes of recording time)	$1,199.00
039-0540-40	EasyTalk ET-32 (with 32 minutes of recording time)	$1,299.00

Allora by Jabbla

Text-to-Speech: The **Allora** is an easy to use, keyboard based, text-to-speech generating device. Any message typed on the **Allora**'s display is read out clearly in a high quality natural sound male or female voice.

Digitized Sound: In addition to synthesized speech, the **Allora** can store and play digitized sounds. These digitized sounds can be used to attract attention, animate a conversation, for playback of a human voice or as a WAV or MP3 player. Individuals with a progressive motor neuron disease might record their voice while they can still verbalize and then have the **Allora** use these recordings to speak with their voice when they can no longer verbalize.

Multiple Languages: The high quality synthesized voice (**Realspeak**) is available in different languages. The **Allora** can change languages with a few keystrokes to accommodate multi-lingual settings. No additional hardware is needed.

Powerful Word Prediction: The **Allora**'s advanced text-to-speech capabilities are further enhanced by an intelligent word prediction system. A character keyed in will generate a predicted list of words that begin with that character. Word prediction can be further refined by the input of additional characters. When a complete word has been typed or inserted, the **Allora** predicts the next word using its knowledge of word pairs. The **Allora**'s word prediction can save about 50% of keystrokes, which significantly speeds up communication.

Pre-programmed Messages: The **Allora** can recall pre-stored messages. Commonly used phrases can be easily programmed under any key. The **Allora** can store more than 100 messages to be read out with its high quality voice.

Abbreviation Expansion: Use abbreviation expansion to display a whole message with just a few keystrokes.

Scanning: The **Allora** has built-in scanning with no extra display required, so there is no extra weight to lug around. Just plug in a standard switch, press the switch and scanning will begin automatically. The row-column alphabet also takes advantage of word prediction.

Keyboard & Display: The **Allora** has a waterproof keyboard with normal sized keys and large, easy to read letters. The tactile keys are easy to push, yet give the user physical feedback when typing. The LCD display consists of 2 lines with 40 characters each. The first line is used to write the message. The second line displays the word prediction list. The Scanning keyboard appears on the right hand side of the display.

Environmental Control: The optional built-in infra-red remote control module (GEWA) allows you to control infra-red based equipment. For example, the **Allora** can learn the infrared signals of a television to turn it on and off, change the channel, or control the volume. The **Allora** can learn any commercial IR signal.

The **Allora** comes standard with a sturdy carry case, AC adapter, USB cable, and Allora Tools PC software.

SKU	Product	Price
039-0590-00	Allora, Standard version, Realspeak voice	$3,995.00
039-0590-25	Allora, ABC keyboard layout, Realspeak voice	$3,995.00
039-0590-50	Allora, keyguard, Realspeak voice *(keyguard must be installed at factory prior to purchase)*	$4,195.00
146-1505-50	GEWA infrared ECU transmitter module for Allora	$300.00
019-1585-40	Extra Realspeak Language for Allora	$175.00
386-2300-10	DaeSSy mounting plate for Allora	$30.00
018-0054-00	Phone Link, 3.5mm Plug	$80.00
146-1505-00	Replacement battery	$85.00

Control Prog Infrared Transmitter

by Abilia (GEWA) AB

The Abilia (GEWA) **Control Prog** is a programmable infrared (IR) transmitter with pushbutton function and also scanning with one- to five-function control switches. The transmitter can learn channels from other remote controls such as those for TV, video and DVD players that have built-in receivers. **Control Prog** offers independence and makes everyday life simpler. You can control everything in your home, like an IR telephone, lights, home entertainment systems, doors, windows, and elevators.

No matter what the user's motor ability and needs are, there are multiple setting possibilities to simplify the use of the **Control Prog**. For a person unable to use direct touch, there are twelve different scanning alternatives. It is possible to connect one or two single-function switches and scan through the pages of choices.

It is possible to store 241 **programmable** ("learnable") function positions distributed over 15 levels. There is a coded channel for security functions that requires strict authorization — such as for apartment or house doors. Level 10 is pre-programmed to send commands to a PC. For this function a 6632 Access USB Interface is needed. One or several buttons can be adapted to coding; choose between 4096 different codes, e.g. for door locking procedures.

There are options to create sequences (macros) so that one button press can send multiple signals.

The **Control Prog** uses slip-in overlays to represent functions or levels, making it easy for the user to remember which buttons produce which signals.

Using the PC-program Control Tool makes back-up possible. For connection to computers, use either the 425620 USB/Serial Data Cable (USB PC port) or the 425618 Data Cable (serial PC port) for programming, control, and back-up.

The **Control Prog** is operated with four 1.5V alkaline AAA batteries. Batteries are not included. Keyguard and neck-strap are included.

The **Progress Star USB** and **Micro USB** are stand-alone infrared transmitters for sending infrared signals from a Windows PC or PC-based AAC device to any infrared receiver. They can learn infrared signals from commercial electronic devices just like the Control Prog. Unlike the Control Prog, the selection matrix is displayed on the computer screen or inside cells of a voice communication program, like The Grid 2.

Specifications of the Control Prog

- Size — 5.3 x 2.8 x 1 inches (134 x 70 x 25 mm)
- Weight — 6.3 oz. (180 g) (incl. batteries)
- Battery — Four 1.5V alkaline AAA
- Operating Force — < 1 N (100 g)

SKU	Product	Price
425700	Control Prog IR transmitter	$895.00
425620	Data cable between Control Prog and PC (USB)	$250.00
425618	Data cable between Control Prog and PC (Serial)	$200.00
425315	Progress Star USB IR transmitter for use with PC's (with switch jack)	$735.00
425346	Progress Micro USB IR transmitter for use with PC's	$715.00

GewaTel 200 Infrared Speakerphone

by Abilia (GEWA) AB

GewaTel 200 is an infrared controlled speaker telephone/dialer with built-in infrared (IR) control (GewaLink channels) and display. By using infrared transmitters, users of the **GewaTel 200** can place and receive telephone calls. All telephone functions are accessible remotely, including volume control.

50 abbreviated numbers can be stored in the **GewaTel 200** and users can build up telephone numbers in advance without hurrying.

The **GewaTel 200** is easy to program for different user needs and has a superb sound quality with full duplex functionality thanks to the unique Omnisound™ technology, which adjusts to ambient acoustics. The sound is crystal clear and it sounds as if the person you are talking to is in the same room. An auto reply capability makes it easy for persons with disabilities to answer without any action on their part.

An extra microphone can be used with the **GewaTel 200** for users with weak voices. An earphone can also be used for people wanting a more private conversation. ZYGO has a wide range of GEWA programmable IR transmitters featuring keys with different sensitivities. ZYGO also offers GEWA transmitters with scanning functions which can be operated by appropriate switches.

The **GewaTel 200** can also be mounted on a wall.

Power supply and cabling with jack plug are included. Infrared transmitters are sold separately.

Specifications

- Weight 3.2 lbs. (1.45 kg)
- Size 10.2" x 8.3" x 3.1" (26 x 21 x 8 cm)

SKU	Product	Price
160006	GewaTel 200 infrared speaker telephone	$1,145.00
160050	Extra Microphone for GewaTel 200	$275.00
160052	Wall mount for GewaTel 200	$85.00
160010	Earphone for use with GewaTel 200	$100.00
425700	Control Prog IR transmitter	$895.00
425718	Control 18 IR transmitter	$495.00
425315	Progress USB IR transmitter for PC or AAC device	$735.00

ZYGO Voice Amplifier

The **Voice Amplifier** uses a 12 watt speaker to provide the loud, clear output required for high quality voice amplification. In addition, it has a LINE input jack that can be connected to the output of a Speech Generating Device (SGD) for adequate sound levels in noisy environments.

Use the built-in clip to attach the Voice Amplifier to a belt, trousers, skirt, etc. or use the supplied adjustable fabric belt.

The **Voice Amplifier** has a high capacity rechargeable battery that provides up to 20 hours of operation from a fully charged battery.

This small, loud amplifier comes with a high performance headset or a high performance lapel microphone, or you can buy it with both microphones.

ZYGO Voice Amplifier

Headset Mic

Lapel Mic

The **Voice Amplifier** features:

- Loud, clear output from the small, 12 watt speaker
- A headset microphone is supplied; Optional high performance mic's are available
- Small size, *very* loud sound: 3-3/8" x 3-3/8" x 1-3/4"
- Perfect for amplifying a communication aid's output
- Up to 20 hours from a fully charged battery
- Belt clip is built into the rugged ABS plastic housing
- An adjustable waistband belt is supplied

SKU	Product	Price
039-0593-40	Voice Amplifier with Headset Mic	$200.00
039-0593-50	Voice Amplifier with Lapel Mic	$200.00
039-0593-60	Voice Amplifier with Headset and Lapel Mic	$275.00

Vocally 3 Voice Activated Telephone Dialer

Whether it is because you cannot press or see the phone's keypad buttons or whether it is because you just don't remember the numbers, dialing the phone can sometimes be very difficult. **Vocally** can solve these easily. All you have to do is say the name of the person you wish to call, and let **Vocally** dial the number for you. **Vocally** is very easy to set up and use, so you do not have to bother with complex instructions and manuals.

The **Vocally** is simple to understand. Connect it between the phone and the line, plug in the AC adapter, and it's ready to use. Lift the handset, or unhook the speakerphone, and follow the verbalized instructions to store numbers. You are asked to say the name you'd like to store — twice, and then you are asked to enter the phone number with the phone's keypad. Instructions are clear and concise, in a synthesized voice. The **Vocally** can store up to 60 names and numbers, each number up to 19 digits.

There are two different versions of **Vocally** based on your dialing needs. If you need to dial the same set of numbers regularly, there is the **Vocally Freedom**. If you need to dial these same numbers frequently but also need to dial to any number that may come up, there is the **Vocally Infinity**.

When all the names and numbers are stored, simply unhook the phone, say the name to be dialed when you're asked for it, and you're in! Remember, you will need to be able to unhook the phone line in order to dial.

In addressing the needs of those who can talk but need other kinds of assistance, we are introducing the **Vocally**. The **Vocally** is just about the same size as the Abilia (GEWA) Control Prog. There are three connections: power from the provided AC adapter, phone line in from the wall, and a phone line connection to the phone.

Although it may be easiest to use **Vocally** with one's voice, the voice recognition system will work even from a communication aid. Remember that the aid will say the name to dial the same way every time!

Vocally main features:

- Stores and dials up to 60 phone entries
- Each stored number can be up to 19 digits long
- Very simple and easy to use
- Works with any phone
- Recognizes any language, tone and accent
- Interactive voice menu
- State-of-the-art voice recognition technology
- Stored names playback for selecting who to call
- Small size and elegant

Specifications:

- Size: 2.5 x 5 x 1 inches (64 x 127 x 25 mm)
- Weight: 5 oz. (142 g)

SKU	Product	Price
018-0063-00	Vocally 3 Infinity (dial freeform and stored numbers)	$340.00
018-0055-00	Vocally 3 Freedom (dial only stored numbers)	$260.00

Accessible Elevator Control

by Abilia (GEWA) AB

Imagine an accessible integrated residence, a public library, and a hospice for children.

Accessible Integrated Residence

Public Library

Hospice for Children

All three of these buildings were given the chance to provide independent access to those who use them.

A way to make buildings completely accessible is with the installation of **GEWA Infra-Link** infrared remote control of elevator and door access systems by Abilia AB. The remote control system offers complete independence and total floor access to those with severe physical disabilities.

Buildings can be made completely accessible by the installation of **GEWA Infra-Link** infrared remote control of the elevator access systems. With a one-button remote control unit, the elevator can be summoned on each floor and the destination floor called once inside the car. Optional remote control units are available with more buttons for those who have the capability to use them. And there are transmitters available for computers and AAC devices.

No one ever seems to be around when you need to call the elevator. Even in busy facilities like the medical complex in this photo, there is the need for independent access to the elevator.

The remote control system offers complete independence and total floor access to those with severe physical disabilities. Often, the car is too small to turn to face the control panel. One drives in and backs out—which means that the controls are inaccessible. That's no problem when **Infra-Link** controls are installed — just drive into the car and make the required selection—even if the receiver is behind you. They are that powerful, and do not need to be aimed directly at the receiver.

From the outside, there isn't much to show about the remote control system. At most there is a small receiver that is mounted on the wall. Some installations have the receiver hidden behind panels and all that shows is the unobtrusive infrared window.

There are two ways to signal for the elevator and select floor-call functions:

1. Using a multi-button remote transmitter—one button per function.
2. Using a one-button remote transmitter to select both the UP and DOWN buttons on a floor, and…Once in the car, using the same one-button remote transmitter to start a numerical scan on the infrared detector's display—and pressing the button again when the floor number shows. If need be, a mirror will help the user to see the display of the floor numbers.

In describing the system to technical people (elevator contractors, etc.), it's important to note that the system consists of "dry-contact relays" that are wired in parallel to the existing buttons of the car-calls on each floor and the floor-call buttons in the car. The relays are operated by infrared receivers that are commanded by infrared transmitters. The system can be set to operate with as few as one transmitter signal (scanning) to direct selection of all the buttons independently. One look at the hardware is all that's needed for you to determine the high quality industrial grade of these products.

The accessible elevator system will need to allow a minimum of calling the elevator from two floors from outside the elevator car, and at least up and down from inside the car. It is possible to provide access to all floors, and all elevator functions that are also button accessible.

Typical Prices	**Standard**	**Maxi-Scanning Detector***
2-Landings, 1 car	$3,245	$5,610
3-Landings, 1 car	$3,905	$6,270
4-Landings, 1 car	$4,565	$6,930
5-Landings, 1 car	$5,225	$7,590
6-Landings, 1 car	$5,885	$8,250
For each additional car add:	$1,925	$4,290
For 9 to 14 Landings,		
add per car:	$1,100	$1,100
add per landing:	$660	$660

SKU	Product	Price
425700	Control Prog IR transmitter	$895.00
425718	Control 18 transmitter	$495.00
4194	GL-1M 1-Relay receiver	$410.00
4215	IR-2ML programmable 2-Relay receiver	$525.00
4197	GL-4M programmable 4-Relay receiver	$475.00
4112	IR-8M programmable 8-Relay receiver	$1,100.00
4113	IR-16M programmable 16-Relay receiver	$1,900.00
4884	GL-DP6 IR detector with 6m shielded cable	$275.00
48802	GL-DP15 IR detector with 15m shielded cable	$275.00
4283	IR-Lift *Maxi IR detector with automatic scanning	$2,250.00

AD Head Pointers

These head-worn pointers represent significant design advancement in providing efficient pointing from a psychologically and cosmetically sound perspective: the chin. Unlike forehead protrusion pointers, using an "out from the chin" device more realistically places the pointer in proximity to the item(s) being accessed. It also eliminates the unsightly barrier imposed by forehead pointers because it doesn't interrupt either the wearer's field of vision or the full view of the wearer's face.

The **AD-1** Standard Pointer * is fully adjustable; capable of being individually fitted to head sizes from 20-25 inches in circumference.

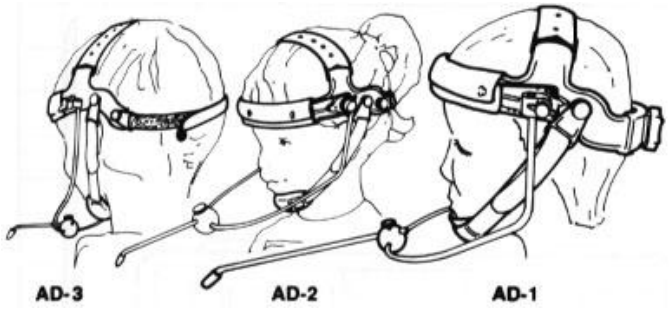
The **AD-2 "Tiny Tot"** Pointer has all the characteristics of the AD-1, but is specially sized for small heads from 17-20 inches in circumference. The headband has a rear strap adjustment and the yoke assembly is sized for smaller heads.

The **AD-3** Standard Pointer (with rear strap closure) is a "gap filler" between the **AD-1** and **AD-2**. The yoke assembly is standard size, but the rear knob adjustment portion of the **AD-1** head band has been replaced with a hook and loop (**Velcro**) strap closure. This is particularly helpful when the wearer is seated against any headrest mechanism where the **AD-1** knob would continuously abrade the headrest and cause discomfort. Also, it accommodates adult wearers with slightly smaller than average head sizes, for whom the overall yoke size reduction of the **AD-2** is inappropriate.

AD Head Pointer Characteristics:

- Lightweight aluminum and plastic construction.
- Fully and independently adjustable headband and yoke/pointer assemblies.
- Comfortable forehead and back cushions.
- Adjustable chin strap available in two colors (brown/beige).
- Translucent, conforming soft plastic chin cup.

* Developed in the field by the Rehabilitation Engineering Center, Children's Hospital at Stanford (Palo Alto, CA).



Safe Laser Pointer

by Abilia (GEWA) AB

Laser pointers may be used in lectures to point to projected information. They can also be used by someone to point to items on a communication board or wall chart. The type of laser pointers used in lectures can be purchased very inexpensively. The **Safe Laser Pointer** from Abilia (GEWA), however, is specifically designed to be used as an accessing tool for communication.

The *difference* is the safety factor. Regular laser pointers can cause damage to the retina if they are projected directly into someone's eye. The **Safe Laser Pointer** is graded as safe for public use as they project a visible light that cannot harm the skin.

The GEWA Laser Pointer from Abilia AB has an altered output such that in order to damage the retina, the laser beam must be held absolutely still, fixed on one specific spot, and not moved for approximately 4 seconds — which is virtually impossible. This means that the **GEWA Laser Pointer** has a security time 16 times greater than the regular type of laser pointer used in lectures. This is significant when the person using the laser pointer is wearing it on his or her head and pointing to a communication board or a wall chart. When eye contact is made with a communication partner, the laser pointer may be inadvertently directed into the partner's eyes.

The Safe Laser Pointer is useful for both short and long distances in that its "dot" is viewable easily at 25 feet (7m). This pointer has been adapted and approved specifically for people with disabilities. Operating time is approximately 8 hours on a charge. Rechargeable NiMH battery, charger, and attachments are included.

The laser can be turned on and off by the built-in pushbutton switch or an external switch.

The **GEWA Laser Pointer** has been used successfully in a hospital with patients in beds who use a communication chart mounted on the wall. Although these particular patients had a diagnosis of motor neuron disease (**ALS**), this application may be relevant to others regardless of the diagnosis.

SKU	Product	Price
039-0078-01	AD-1 Standard Head Pointer	$210.00
039-0086-01	AD-2 “Tiny-Tot” Head Pointer	$210.00
039-0139-01	AD-3 Velcro Head Pointer	$210.00
400	Safe Laser Pointer	$1,285.00

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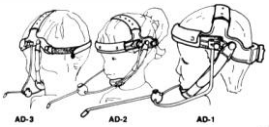
ZYGO-USA

January 2012

Assistive Technologies for Communication and Independence



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